1,40,98,8182

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Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997 **OTHER THAN CLAIMS AS FILED - PART I SMALL ENTITY SMALL ENTITY** OR TYPE (Column 2) (Column 1) NUMBER EXTRA **FOR NUMBER FILED** RATE RATE FEE FEE 395.00 790.00 **BASIC FEE** OR **TOTAL CLAIMS** x\$22= minus 20 x\$11=OR INDEPENDENT CLAIMS x82 =minus 3 = x41 =OR MULTIPLE DEPENDENT CLAIM PRESENT +135= +270= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR **OTHER THAN CLAIMS AS AMENDED - PART II SMALL ENTITY** (Column 3) **SMALL ENTITY** OR (Column 1) (Column 2) **CLAIMS HIGHEST** ADDI-ADDI-REMAINING **PRESENT** NUMBER TIONAL RATE TIONAL RATE **EXTRA** AFTER **PREVIOUSLY AMENDMENT** FEE FEE AMENDMENT PAID FOR Total Minus x\$22=x\$11== OR Independent Minus x41 =OR x82 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +270= +135= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) **CLAIMS** HIGHEST ADDI-ADDI-REMAINING **PRESENT NUMBER** TIONAL RATE TIONAL RATE **AFTER EXTRA PREVIOUSLY** AMENDMENT FEE FEE AMENDMENT PAID FOR x\$22=Total Minus x\$11=OR x82 =x41 =OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +270= +135 =TOTAL **TOTAL** OR ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) (Column 1) **CLAIMS** HIGHEST ADDI-ADDI-PRESENT REMAINING NUMBER TIONAL TIONAL RATE RATE **PREVIOUSLY EXTRA AFTER** NDMENT FEE FEE AMENDMENT PAID FOR x\$22*= OR x\$11=Total Minus 面 x82 =x41 =OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +270= +135= * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total of Independent) is the highest number found in the appropriate box in column 1. TOTAL ADDIT, FEE

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| Effective November 10, 1998 | | | | | | | | | | | | |
|--|---|---|--------------|---|--------------------------|--------------|-------|---------------------|----------------|---------------------|------------------------|---|
| CLAIMS AS FILED - PART I (Column 1) (Column 2) | | | | | SMA TYF | LL EN | | DR. | OTHER SMALL | | | |
| FO | R | NUME | BER FILED | NUMBER | NUMBER EXTRA | | E F | EE | | RATE | FEE | |
| BA | SIC FEE | 198 | | | | | 38 | 30.00 | OR | | 760.00 | |
| то | TAL CLAIMS | | minus 20= * | | | X\$ 9 | = | | OR | X\$18= | | |
| IND | EPENDENT CL | AIMS | minus 3 = * | | | X39 | = | | OR | X78= | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | | | +130 | | | Ì | +260= | | | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | _ | | OR | | | | |
| CLAIMS AS AMENDED - PART II | | | | | OTHE | | | OTHER SMALL | | | | |
| ENT | 4 + 1 4 + 1 4 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + | (Column 1) CLAIMS REMAINING AFTER AMENDMENT | ********** | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3) PRESENT EXTRA | RAT | E TIO | DDI- DNAL EEE | | RATE | ADDI- TIONAL FEE | |
| AMENDMENT | Total | · 37 | Minus | * 36 | = / | X\$ 9 | = | c | OR | X\$18= | 18 | |
| AME | Independent | * 5 | Minus | *** 5 | | X39 | = | | OR | X78= | | |
| | FIRST PRESE | NIATION OF I | MULTIPLE DEF | PENDENT CLAIM | | +130 |)= | C | OR. | +260= | | İ |
| | | | | | | TO ADDIT. | TAL | | DR , | TOTAL ADDIT. FEE | 18 P | , |
| E | | (Column 1) | | (Column 2) | (Column 3) | ADDIT: | | | · | | , | |
| ENT | | CLAIMS REMAINING AFTER AMENDMEN | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RAT | E TIO | DDI- ONAL EEE | | RATE | ADDI- TIONAL FEE | |
| MENDMENT | T tal | * 38 | Minus | ** 37 | = 1 | X\$ 9 |)= | d | OR | X\$18= | 18- | ŀ |
| AME | Independent | * 5 | Minus | *** 5 | = | X39 | = | | OR | X78= | - | |
| | FIRST PRESE | NIATION OF | MULTIPLE DE | PENDENT CLAIM | | +130 |)= | | OR | +260= | | ı |
| 1 | | | | | | | TAL | | ן פר | TOTAL ADDIT. FEE | 18-1 | |
| ADDIT. FEE ADDIT. FEE ADDIT. FEE ADDIT. FEE | | | | | | | | - | | | | |
| ENT & | · · · · · · · · · · · · · · · · · · · | CLAIMS REMAINING AFTER AMENDMEN | 7.77 | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RAT | E TIO | DDI- ONAL EEE | | RATE | ADDI- TIONAL FEE | |
| MENDMENT | Total | . 40 | Minus | ** 38 | =2 | X\$ 9 | | | OR | X\$18= | 36- | ŀ |
| Æ | Independent | * 5 | Minus | *** 5 | = | Y39 | _ | | | ¥78- | | ۱ |

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

OR

+130=

ADDIT. FEE

TOTAL

+260=

TOTAL ADDIT. FEE

Application or Docket Number

^{*} If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001 **CLAIMS AS FILED - PART I OTHER THAN** SMALL ENTITY **SMALL ENTITY** (Column 2) TYPE OR (Column 1) **TOTAL CLAIMS** RATE FEE RATE FEE BASIC FEE 740.00 BASIC FEE 370.00 NUMBER EXTRA NUMBER FILED OR FOR TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 =X84= X42= OR MULTIPLE DEPENDENT CLAIM PRESENT +280= +140= OR * If the difference in column 1 is less than zero, enter "0" in column 2 OR TOTAL TOTAL **CLAIMS AS AMENDED - PART II OTHER THAN SMALL ENTITY SMALL ENTITY** OR (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-NUMBER PRESENT REMAINING RATE TIONAL RATE TIONAL **PREVIOUSLY** AFTER **EXTRA AMENDMENT** FEE FEE **AMENDMENT** PAID FOR UU X\$18= X\$ 9= Minus Total OR Minus Independent *** X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-NUMBER PRESENT REMAINING TIONAL TIONAL RATE RATE **PREVIOUSLY EXTRA AFTER** AMENDMENT FEE FEE PAID FOR AMENDMENT Minus X\$18= X\$ 9= Total OR Minus Independent *** X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT, FEE ADDIT. FEE (Column 2) (Column 3) (Column 1) HIGHEST CLAIMS ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL **RATE** RATE PREVIOUSLY **AFTER EXTRA AMENDMENT** PAID FOR FEE FEE AMENDMENT Minus X\$18= Total X\$ 9= OR Minus Independent X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140 =OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

OR

TOTAL

ADDIT. FEE

TOTAL

ADDIT, FEE

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."



PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

| | | | | | | | · · | • | | |
|--|--|--|--|---|------------------|------------|------------------------|-------|---------------------|------------------------|
| | | CLAIMS | AIMS AS FILED - PART I (Column 1) (Column 2) | | | | ENTITY | OR | OTHER SMALL | |
| FC | OR / | NUM | BER FILED | NUMBER | EXTRA | RATE | FEE | 1 1 | RATE | FEE: |
| ВА | SIC FEE | | | | | | 380.00 | OR | | 760.00 |
| TC | TAL CLAIMS | | minus | 20= * | | X\$ 9= | | OR | X\$18= | |
| IND | EPENDENT C | AIMS | minus | s 3 = * | | X39= | | OR | :X78= | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | | | +130= | | OR | +260= | U | |
| * If the difference in column 1 is less than zero, enter "0" in column 2 | | | | | | TOTAL | | OR | | |
| CLAIMS AS AMENDED - PART II (Column 1) (Column 3) | | | | | | SMALL | ENTITY | OR | OTHER SMALL | |
| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMEN | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| NON | Total | * 40 | Minus | ** 4 | | X\$ 9= | | OR | X\$18= | |
| AME | Independent | * 5 | Minus | *** 5 |]= / | X39= | * 1 | OR | X78= | |
| | FIRST PRESE | NIATION OF | MULTIPLE DE | PENDENT CLAIM | | +130= | | OR | +260= | * |
| | | | | | | TOTAL | , | | TOTAL ADDIT. FEE | |
| | | ADDIT. FEE | | | ADDII. FEE | | | | | |
| AMENDMENT B. | | CLAIMS REMAINING AFTER AMENDMEN | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| | Total | . 40 | Minus | ** 40 | = - | X\$ 9= | | OR | X\$18= | |
| | Independent | . 6 | Minus | *** 5 | = / | X39= | | OR | X78= | 8000 |
| | PIRST PRESE | NIATION OF | MULTIPLE DE | PENDENT CLAIN | | +130= | | OR | +260= | |
| | 1 | | | \$ | | ADDIT. FEE | | OR | TOTAL ADDIT. FEE | 800cm |
| | | (Column 1 |) | (Column 2) HIGHEST | (Column 3) | | | | | |
| AMENDMENT & | | REMAINING AFTER AMENDMEN | | NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDI- TIONAL FEE | - | RATE | ADDI- TIONAL FEE |
| | Total | .40 | Minus | -40 | = | X\$ 9= | | OR | X\$18= | |
| | Ind pendent | * 6 | Minus | *** 6 | =/ | X39= | | OR | X78= | |
| | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | | | 2. | +260= | 0. |
| * If the ntry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, ent r "20." ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, ent r "3." | | | | | | | | OR | TOTAL | |
| | | | | | | | | 1 G | ADDIT FEE | |
| The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1) | | | | | | | | | | |